

DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or the below named inventors are the original, first and joint inventors (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "**METHOD AND APPARATUS FOR CONTROLLING WAFER THICKNESS UNIFORMITY IN A MULTI-ZONE VERTICAL FURNACE**" the Specification of which:

- is attached hereto.  
 was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent, United States provisional application(s), or inventor's certificate listed below and have also identified below any foreign application for patent, United States provisional application, or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIORITY APPLICATION(S)			Priority Claimed
(Number)	(Country)	(Date Filed)	Yes/No
(Number)	(Country)	(Date Filed)	Yes/No

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose all information known to me to be material to patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations, § 1.56, which become available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status)
(Application Serial No.)	(Filing Date)	(Status)

I hereby direct that all correspondence and telephone calls be addressed to George J. Oehling, Williams, Morgan & Amerson, P.C., 7676 Hillmont, Suite 250, Houston, Texas 77040, (713) 934-4058.

I HEREBY DECLARE THAT ALL STATEMENTS MADE OF MY OWN KNOWLEDGE ARE TRUE AND THAT ALL STATEMENTS MADE ON INFORMATION AND BELIEF ARE BELIEVED TO BE TRUE; AND FURTHER THAT THESE STATEMENTS WERE MADE WITH THE KNOWLEDGE THAT WILLFUL FALSE STATEMENTS AND THE LIKE SO MADE ARE PUNISHABLE BY FINE OR IMPRISONMENT, OR BOTH, UNDER SECTION 1001 OF TITLE 18 OF THE UNITED STATES CODE AND THAT SUCH WILLFUL FALSE STATEMENTS MAY JEOPARDIZE THE VALIDITY OF THE APPLICATION OR ANY PATENT ISSUED THEREON.

Inventor's Full Name:

William Jarrett Campbell

Inventor's Signature:



Country of Citizenship:

USA

Date:

11/11/00

Residence Address: (street,  
number, city, state, and/or  
country)

12407 Beartrap Lane

Austin, TX 78729-7378

Post Office Address:  
(if different from above)

Same

Inventor's Full Name:

Scott Bushman

Inventor's Signature:



Country of Citizenship:

USA

Date:

Residence Address: (street,  
number, city, state, and/or  
country)

6307 Bluff Springs

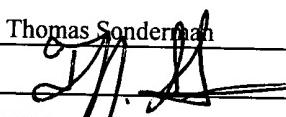
Round Rock, TX 78744

Post Office Address:  
(if different from above)

Same

Inventor's Full Name:

Thomas Sonderman



Inventor's Signature:

USA

Date:

11/29/00

Country of Citizenship:

Residence Address: (street,  
number, city, state, and/or  
country)

16010 Braesgate Drive

Austin, Texas 78717

Post Office Address:  
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Same

Inventor's Full Name:

Elfido Coss, Jr.

Inventor's Signature:

*Elfido C. Jr.*

Country of Citizenship:

USA

Date:

*11/27/00*

Residence Address: (street,  
number, city, state, and/or  
country)

4318 Clarno Drive

Austin, TX 78749

Post Office Address:  
(if different from above)

Same

U.S. PATENT AND TRADEMARK OFFICE

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Inventor's Full Name: William Garrett Campbell

Inventor's Signature:

Country of Citizenship: USA Date: \_\_\_\_\_

Residence Address: (street, number, city, state, and/or country) 12407 Beartrap Lane

Austin, TX 78729-7378

Post Office Address: (if different from above)  
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Inventor's Full Name: Scott Bushman

Inventor's Signature: Scott Bushman

Country of Citizenship: USA Date: 12/13/00

Residence Address: (street, number, city, state, and/or country) 3904 Clifton Drive

Richardson, Texas 75082

Post Office Address: (if different from above)  
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Inventor's Full Name: Thomas Sonderman

Inventor's Signature:

Country of Citizenship: USA Date: \_\_\_\_\_

Residence Address: (street, number, city, state, and/or country) 16010 Braesgate Drive

Austin, Texas 78717

Post Office Address: (if different from above)  
Same

Inventor's Full Name: Elfido Coss, Jr.

Inventor's Signature: \_\_\_\_\_

Country of Citizenship: USA Date: \_\_\_\_\_

Residence Address: (street,  
number, city, state, and/or  
country) 4318 Clarno Drive

Post Office Address:  
(if different from above)  
Austin, TX 78749

Same

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re Application of:**

William Jarrett Campbell  
Scott Bushman  
Tom Sonderman  
Elfido Coss, Jr.

§  
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§  
§ Examiner: Unknown  
§

Serial No.: Unknown

### Group Art Unit: Unknown

Filed: Concurrently Herewith

Att'y Docket: 2000.044400/TT3219

**For: METHOD AND APPARATUS FOR  
CONTROLLING WAFER THICKNESS  
UNIFORMITY IN A MULTI-ZONE  
VERTICAL FURNACE**

**POWER OF ATTORNEY**

**Assistant Commissioner for Patents  
Washington, D.C. 20231**

Sir:

The undersigned, being the inventors named in the above-identified application, hereby revoke any previous Powers of Attorney and appoint:

Elizabeth A. Apperley, Reg. No. 36,428; Paul S. Drake, Reg. No. 33,491; Richard J. Roddy, Reg. No. 27,688; William D. Zahrt II, Reg. No. 26,070; and Harry A. Wolin, Reg. No. 32,638 of Advanced Micro Devices, Inc.; and

Danny L. Williams, Reg. No. 31,892; Terry D. Morgan, Reg. No. 31,181; J. Mike Amerson, Reg. No. 35,426; Kenneth D. Goodman, Reg. No. 30,460; Barbara S. Kitchell, Reg. No. 33,928; Jeffrey A. Pyle, Reg. No. 34,904; Randall C. Furlong, Reg. No. 35,144; Scott F. Diring, Reg. No. 35,119; George J. Oehling, Reg. No. 40,471; Shelley P.M. Fussey, Reg. No. 39,458; Mark D. Moore, Reg. No. 42,903; Carolanne M. King, Reg. No. 44,914; Louis H. Iselin, Reg. No. 42,684; Raymund F. Eich, Reg. No. 42,508; and Thomas H. Belvin, Jr., Reg. No. 43,491 of Williams, Morgan & Amerson, P.C..

as its attorney or agent so long as they remain with such firms, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive any Letters Patent, and for one year after issuance of such Letters Patent to file any request for a certificate of correction that may be deemed appropriate.

Please direct all communications as follows:

George J. Oehling, Patent Agent  
WILLIAMS, MORGAN & AMERSON, P.C.  
7676 Hillmont, Suite 250  
Houston, Texas 77040  
(713) 934-7000

Signature: William J. Campbell  
William Jarrett Campbell

Date: 11/1/00

Signature: Scott Bushman

Signature:   
Tom Sonderman

Date: 11/29/00

Signature:   
Elfido Coss, Jr.

Date: 11/27/00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

William Jarrett Campbell  
Scott Bushman  
Tom Sonderman  
Elfido Coss, Jr.

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§ Examiner: Unknown  
§  
§

Serial No.: Unknown

§ Group Art Unit: Unknown  
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Filed: Concurrently Herewith

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§ Att'y Docket: 2000.044400/TT3219  
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For: METHOD AND APPARATUS FOR  
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**POWER OF ATTORNEY**

Assistant Commissioner for Patents  
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WILLIAMS, MORGAN & AMERSON, P.C.  
7676 Hillmont, Suite 250  
Houston, Texas 77040  
(713) 934-7000

Signature: \_\_\_\_\_  
William Jarrett Campbell

Date: \_\_\_\_\_

Signature: Scott Bushman  
Scott Bushman

Date: 12/13/00

Signature: \_\_\_\_\_  
Tom Sonderman

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Elfido Coss, Jr.

Date: \_\_\_\_\_